

JUN 21 2002

TEC: ENTER 1600/2900



1600

P#16

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/635,679C

DATE: 06/06/2002

TIME: 15:11:45

Input Set : A:\sequence.list.ascii.txt

Output Set : N:\CRF3\06062002\I635679C.raw

ENTERED

3 <110> APPLICANT: Habener, Joel
 5 <120> TITLE OF INVENTION: Insulinotropic Hormone and Uses Thereof
 7 <130> FILE REFERENCE: 0609.1090009
 9 <140> CURRENT APPLICATION NUMBER: 09/635,679C
 10 <141> CURRENT FILING DATE: 2000-08-10
 12 <150> PRIOR APPLICATION NUMBER: 09/090,949
 13 <151> PRIOR FILING DATE: 1998-06-05
 15 <150> PRIOR APPLICATION NUMBER: 08/749,762
 16 <151> PRIOR FILING DATE: 1996-11-20
 18 <150> PRIOR APPLICATION NUMBER: 08/156,800
 19 <151> PRIOR FILING DATE: 1993-11-23
 21 <150> PRIOR APPLICATION NUMBER: 09/532,111
 22 <151> PRIOR FILING DATE: 1990-06-01
 24 <150> PRIOR APPLICATION NUMBER: 07/148,517
 25 <151> PRIOR FILING DATE: 1988-01-26
 27 <150> PRIOR APPLICATION NUMBER: 06/859,928
 28 <151> PRIOR FILING DATE: 1986-05-05
 30 <160> NUMBER OF SEQ ID NOS: 4
 32 <170> SOFTWARE: PatentIn version 3.1
 34 <210> SEQ ID NO: 1
 35 <211> LENGTH: 1034
 36 <212> TYPE: DNA
 37 <213> ORGANISM: Artificial Sequence
 39 <220> FEATURE:
 40 <223> OTHER INFORMATION: cDNA
 42 <220> FEATURE:
 43 <221> NAME/KEY: CDS
 44 <222> LOCATION: (61)..(600)
 45 <223> OTHER INFORMATION:
 48 <400> SEQUENCE: 1
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 51 atg aag acc gtt tac atc gtg gct gga ttg ttt gta atg ctg gta caa 108
 52 Met Lys Thr Val Tyr Ile Val Ala Gly Leu Phe Val Met Leu Val Gln
 53 1 5 10 15
 55 ggc agc tgg cag cat gcc cct cag gac acg gag gag aac gcc aga tca 156
 56 Gly Ser Trp Gln His Ala Pro Gln Asp Thr Glu Glu Asn Ala Arg Ser
 57 20 25 30
 59 ttc cca gct tcc cag aca gaa cca ctt gaa gac cct gat cag ata aac 204
 60 Phe Pro Ala Ser Gln Thr Glu Pro Leu Glu Asp Pro Asp Gln Ile Asn
 61 35 40 45
 63 gaa gac aaa cgc cat tca cag ggc aca ttc acc agt gac tac agc aaa 252
 64 Glu Asp Lys Arg His Ser Gln Gly Thr Phe Thr Ser Asp Tyr Ser Lys
 65 50 55 60

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/635,679C

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Input Set : A:\sequence.list.ascii.txt

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67 tac cta gac tcc cgc cgt gct caa gat ttt gtg cag tgg ttg atg aac      300
68 Tyr Leu Asp Ser Arg Arg Ala Gln Asp Phe Val Gln Trp Leu Met Asn
69 65      70      75      80
71 acc aag agg aac cgg aac aac att gcc aaa cgt cat gat gaa ttt gag
72 Thr Lys Arg Asn Arg Asn Asn Ile Ala Lys Arg His Asp Glu Phe Glu      348
73      85      90      95
75 agg cat gct gaa ggg acc ttt acc agt gat gtg agt tct tac ttg gag
76 Arg His Ala Glu Gly Thr Phe Thr Ser Asp Val Ser Ser Tyr Leu Glu      396
77      100      105      110
79 ggc cag gca gca aag gaa ttc att gct tgg ctg gtg aaa ggc cga gga
80 Gly Gln Ala Ala Lys Glu Phe Ile Ala Trp Leu Val Lys Gly Arg Gly      444
81      115      120      125
83 agg cga gac ttc ccg gaa gaa gtc gcc ata gct gag gaa ctt ggg cgc
84 Arg Arg Asp Phe Pro Glu Glu Val Ala Ile Ala Glu Leu Gly Arg      492
85      130      135      140
87 aga cat gct gat gga tcc ttc tct gat gag atg aac acg att ctc gat
88 Arg His Ala Asp Gly Ser Phe Ser Asp Glu Met Asn Thr Ile Leu Asp      540
89 145      150      155      160
91 aac ctt gcc acc aga gac ttc atc aac tgg ctg att caa acc aag atc
92 Asn Leu Ala Thr Arg Asp Phe Ile Asn Trp Leu Ile Gln Thr Lys Ile      588
93      165      170      175
95 act gac aag aaa taggaatatt tcaccattca caaccatctt cacaacatct
96 Thr Asp Lys Lys      640
97      180
99 cctgccagtc acctgggatg tacatttgag agcatatccg aagctatact gctttgcatg
101 cggacgaata catttccctt tagcgttggt taaccocaaag gttgtaaatg gaataaagtt      700
103 ttctccagggt gttgataaag taacaacttt acagtatgaa aatgctggat tctcaaatgg      760
105 tctcctcggt ttgaagttac cgccctgaga ttacttttct gtggtataaa ttgtataatt      820
107 tcgcagtcac gacacctgga ttacaacaac agaagacatg gtaacctggt aacctgtagt      880
109 gtgaacctgg aaagagaact tcttcttgga acctttgtc ataatgcgc tcagctttca      940
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120 <223> OTHER INFORMATION: cDNA
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128 Gly Ser Trp Gln His Ala Pro Gln Asp Thr Glu Glu Asn Ala Arg Ser
129      20      25      30
132 Phe Pro Ala Ser Gln Thr Glu Pro Leu Glu Asp Pro Asp Gln Ile Asn
133      35      40      45
136 Glu Asp Lys Arg His Ser Gln Gly Thr Phe Thr Ser Asp Tyr Ser Lys
137      50      55      60
140 Tyr Leu Asp Ser Arg Arg Ala Gln Asp Phe Val Gln Trp Leu Met Asn
141 65      70      75      80
144 Thr Lys Arg Asn Arg Asn Asn Ile Ala Lys Arg His Asp Glu Phe Glu

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148 Arg His Ala Glu Gly Thr Phe Thr Ser Asp Val Ser Ser Tyr Leu Glu
149 100 105 110
152 Gly Gln Ala Ala Lys Glu Phe Ile Ala Trp Leu Val Lys Gly Arg Gly
153 115 120 125
156 Arg Arg Asp Phe Pro Glu Glu Val Ala Ile Ala Glu Glu Leu Gly Arg
157 130 135 140
160 Arg His Ala Asp Gly Ser Phe Ser Asp Glu Met Asn Thr Ile Leu Asp
161 145 150 155 160
164 Asn Leu Ala Thr Arg Asp Phe Ile Asn Trp Leu Ile Gln Thr Lys Ile
165 165 170 175
168 Thr Asp Lys Lys
169 180
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174 <212> TYPE: PRT
175 <213> ORGANISM: Artificial Sequence
177 <220> FEATURE:
178 <223> OTHER INFORMATION: insulinotropic peptide
180 <400> SEQUENCE: 3
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183 1 5 10 15
186 Gln Ala Ala Lys Glu Phe (Leu) Ala Trp Leu Val Lys Gly Arg
187 20 25 30
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192 <212> TYPE: PRT
193 <213> ORGANISM: Artificial Sequence
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196 <223> OTHER INFORMATION: insulinotropic peptide
198 <400> SEQUENCE: 4
200 His Ala Glu Gly Thr Phe Thr Ser Asp Val Ser Ser Tyr Leu Glu Gly
201 1 5 10 15
204 Gln Ala Ala Lys Glu Phe (Ile) Ala Trp Leu Val Lys Gly Arg
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VERIFICATION SUMMARY

PATENT APPLICATION: US/09/635,679C

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TIME: 15:11:46

Input Set : A:\sequence.list.ascii.txt

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